

**Report No.: AGC03507190311-004** Date: Apr.08, 2019 Page 1 of 10

Applicant: MID OCEAN BRANDS B.V

Address: 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong

Report on the submitted sample(s) said to be:

Sample Name: 3 in 1 Emergency hammer

Sample Model: MO8470

Supplier: 107978

Sample Received Date: Mar.15, 2019

Testing Period: Mar. 15, 2019 to Apr. 08, 2019

Test site: 1,6/F.,Building 2,No. 1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang,

Baoan District, Shenzhen, Guangdong, China

**Test Requested:** Please refer to following page(s).

**Test Method:** Please refer to following page(s).

**Test Result:** Please refer to following page(s).





The results shown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ASC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfer of the report will be confirmed at a transfe

No.18 C



**Report No.: AGC03507190311-004** Date: Apr.08, 2019 Page 2 of 10

Test Requested: Conclusion

1. As specified by client, to determine the Pb, Cd, Hg, Cr<sup>6+</sup>, PBBs, PBDEs content in the submitted sample in accordance with EU RoHS Directive 2011/65/EU(RoHS) and its amendment directives on XRF and Chemical Method.

Pass

2.As specified by client, to determine the DBP, BBP, DEHP, DIBP content in the submitted sample in accordance with Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863.

Pass

#### **Test Methods:**

A: <u>Screening by X-ray Fluorescence Spectrometry (XRF)</u>: With reference to IEC 62321-3-1:2013 Ed 1.0 Screening – Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry

B: Chemical test:

| Test Item                                         | Test Method                      | Measuring Instrument | MDL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------|----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cadmium (Cd)                                      | IEC 62321-5:2013 Ed 1.0          | ICP-OES              | 2 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Lead (Pb)                                         | IEC 62321-5:2013 Ed 1.0          | ICP-OES              | 2 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Mercury (Hg)                                      | IEC 62321-4: 2013+A1:2017 Ed 1.1 | ICP-OES              | 2 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Non-metal Hexavalent Chromium (Cr <sup>6+</sup> ) | IEC 62321-7-2:2017 Ed 1.0        | UV-Vis               | 1 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Metal Hexavalent Chromium (Cr <sup>6+</sup> )     | IEC 62321-7-1:2015 Ed 1.0        | UV-Vis               | The state of the s |
| PBBs/PBDEs                                        | IEC 62321-6:2015 Ed 1.0          | GC-MS                | 5 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

The results shown if this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatt.com.



Report No.: AGC03507190311-004 Date: Apr.08, 2019 Page 3 of

## **Test Results:**

A, EU RoHS Directive 2011/65/EU and its amendment directives on XRF

| Seq.        | Traded Books                            | lin:        | kg)         | The Market |    |     |
|-------------|-----------------------------------------|-------------|-------------|------------|----|-----|
| No.         | Tested Part(s)                          | Cd          | Pb          | Hg         | Cr | Br  |
| il.         | Red hammer l                            | amp         | Attestation | 100        |    |     |
| Attestation | Red plastic shell(hammer lamp)          | BL          | BL          | BL         | BL | BL  |
| 2           | Wine red plastic map(hammer lamp)       | BL          | BL          | BL         | BL | BL  |
| 3           | Metal hammer(hammer lamp)               | BL          | BL          | BL         | BL | -   |
| 4           | Black foam(hammer lamp)                 | BL          | BL          | BL         | BL | BL  |
| 5           | Metal blade(hammer lamp)                | BL          | BL          | BL         | BL | -   |
| 6           | Silver screw(hammer lamp)               | BL          | BL          | BL         | BL | ),C |
| 7           | Metal nut(hammer lamp)                  | BL          | BL          | BL         | BL | -   |
| 8           | Button battery(hammer lamp)             | BL          | BL          | BL         | BL | BL  |
| 9           | Black plastic battery seat(hammer lamp) | BL          | BL          | BL         | BL | BL  |
| 10          | Silver metal sheet(hammer lamp)         | BL          | BL          | BL         | X* | -   |
| 11          | LED body(hammer lamp)                   | BL          | BL          | BL         | BL | X*  |
| 12          | Pin(hammer lamp)                        | BL          | BL          | BL         | BL | -G  |
|             | Black hammer lamp                       | (different) |             | 0          |    |     |
| 13          | Black plastic shell                     | BL          | BL          | BL         | BL | BL  |

The results shown in this less report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed of http://www.agc-eatt.com. AGC



**Report No.: AGC03507190311-004** Date: Apr.08, 2019 Page 4 of 10

| -11111  |       | 1000                                                                                        |                                                            |                                       |
|---------|-------|---------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------|
| Element | Unit  | Non-metal                                                                                   | Metal                                                      | Composite Material                    |
| Cd      | mg/kg | BL≤70-3σ <x<br>&lt;130+3σ≤OL</x<br>                                                         | BL≤70-3σ <x<br>&lt;130+3σ≤OL</x<br>                        | BL≤50-3σ <x<br>&lt;150+3σ≤OL</x<br>   |
| Pb      | mg/kg | BL≤700-3σ <x<br>&lt;1300+3σ≤OL</x<br>                                                       | BL≤700-3σ <x<br>&lt;1300+3σ≤OL</x<br>                      | BL≤500-3σ <x<br>&lt;1500+3σ≤OL</x<br> |
| Hg      | mg/kg | BL≤700-3σ <x<br>&lt;1300+3σ≤OL</x<br>                                                       | BL≤700-3σ <x<br>&lt;1300+3σ≤OL</x<br>                      | BL≤500-3σ <x<br>&lt;1500+3σ≤OL</x<br> |
| Cr      | mg/kg | BL≤700-3σ <x< td=""><td>BL≤700-3σ<x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<></td></x<> | BL≤700-3σ <x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<> | BL≤500-3σ <x< td=""></x<>             |
| Br      | mg/kg | BL≤300-3σ <x< td=""><td>30 - 200</td><td>BL≤250-3σ<x< td=""></x<></td></x<>                 | 30 - 200                                                   | BL≤250-3σ <x< td=""></x<>             |

Note: BL= Below Limit

OL= Over limited

X= Inconclusive

"-"= Not regulated

\*= Scanning by XRF and detected by chemical method. The test results of chemical method please refer to next pages.

The results shown in this lest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cett.com.



**Report No.: AGC03507190311-004** Date: Apr.08, 2019 Page 5 of 10

#### Remark:

- i Results were obtained by XRF for primary scanning, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the above warning value according to IEC 62321-3-1:2013 Ed 1.0.
- ii The XRF scanning test for RoHS elements The reading may be different to the actual content in the sample be of non-uniformity composition.
- iii The maximum permissible limit is quoted from RoHS directive 2011/65/EU:

| RoHS Restricted Substances            | Maximum Concentration Value (mg/kg) (by weight in homogenous materials) |  |  |  |  |
|---------------------------------------|-------------------------------------------------------------------------|--|--|--|--|
| Cadmium (Cd)                          | 100                                                                     |  |  |  |  |
| Lead (Pb)                             | 1000                                                                    |  |  |  |  |
| Mercury (Hg)                          | 1000                                                                    |  |  |  |  |
| Hexavalent Chromium (Cr(VI))          | 1000                                                                    |  |  |  |  |
| Polybrominated biphenyls (PBBs)       | 1000                                                                    |  |  |  |  |
| Polybrominated diphenylethers (PBDEs) | 1000                                                                    |  |  |  |  |

#### Disclaimers:

This XRF Scanning report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF scanning report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

The results spown in this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ASC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cent.com.



**Report No.: AGC03507190311-004** Date: Apr.08, 2019 Page 6 of 10

## B. The Test Results of Chemical Method:

1)The Test Results of metal Cr<sup>6+</sup>

| Test Item(s)                            | MDL      | Result(s) | Limit |
|-----------------------------------------|----------|-----------|-------|
| Hexavalent Chromium (Cr <sup>6+</sup> ) | See note | Negative  | #     |

#### Note:

- Negative = Absence of Cr(VI) on the tested areas
- MDL = Method Detection Limit
- Boiling-water-extraction:

| Number | Colorimetric result (Cr(VI) concentration)                                                                                               | Qualitative result                                                                                                                                                                         |
|--------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | The sample solution is <the 0,10="" cm<sup="" µg="">2 equivalent comparison standard solution</the>                                      | The sample is negative for Cr(VI) – The Cr(VI) concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating.                                   |
| 2      | The sample solution is $\geq$ the 0,10 µg/cm <sup>2</sup> and $\leq$ the0,13 µg/cm <sup>2</sup> equivalent comparison standard solutions | The result is considered to be inconclusive – Unavoidable coating variations may influence the determination.                                                                              |
| 350    | The sample solution is > the 0,13 μg/cm <sup>2</sup> equivalent comparison standard solution                                             | The sample is positive for Cr(VI) – The Cr(VI) concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI). |

- # =Negative indicates the absence of Cr(VI) on the tested areas concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating.

Uncertainty indicates the absence of Cr(VI) on the tested areas unavoidable coating variations may influence the determination.

Positive indicates the presence of Cr(VI) on the tested areas concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).

Storage conditions and production date of the tested sample are unavailable and thus result of Cr(VI) represent status of the sample at the time of testing.

The results spown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ASC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eart.com.



**Report No.: AGC03507190311-004** Date: Apr.08, 2019 Page 7 of 10

2) The Test Results of PBBs & PBDEs

Unit: mg/kg

| Harris Co.                            | MDI                                      | Result(s) | T ::4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------|------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item(s)                               | MDL                                      | 11 months | Limit Manual Columbia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Polybrominated Biphenyls (PBBs)       |                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Monobromobiphenyl                     | 5                                        | N.D.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dibromobiphenyl                       | 5                                        | N.D.      | 111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tribromobiphenyl                      | 5                                        | N.D.      | notified and the state of the s |
| Tetrabromobiphenyl                    | 15 The compliant                         | N.D.      | - Co Filteration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pentabromobiphenyl                    | 5                                        | N.D.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Hexabromobiphenyl                     | 5                                        | N.D.      | Total PBBs Content <1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Heptabromobiphenyl                    | <b>1</b> 5                               | N.D.      | The County (S. The Party of Cooperation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Octabromobiphenyl                     | 5                                        | N.D.      | allows C.C Mes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Nonabromodiphenyl                     | 5 Attestat                               | N.D.      | 711                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Decabromodiphenyl                     | 5                                        | N.D.      | I Danielone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Total content                         | 1/2 million                              | N.D.      | © Mestation of Global Care Attestation of Care                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Polybrominated Diphenylethers (PBDEs) |                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Monobromodiphenyl ether               | 5                                        | N.D.      | in in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Dibromodiphenyl ether                 | 5                                        | N.D.      | The Third was a second second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tribromodiphenyl ether                | 5                                        | N.D.      | a Compliant (S)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Tetrabromodiphenyl ether              | © 5. State at the contract of California | N.D.      | 10° 10°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Pentabromodiphenyl ether              | 5                                        | N.D.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Hexabromodiphenyl ether               | 5                                        | N.D.      | Total PBDEs Content < 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Heptabromodiphenyl ether              | 5                                        | N.D.      | The accompliance of the state o |
| Octabromodiphenyl ether               | A Company 5                              | N.D.      | The section of the se |
| Nonabromodiphenyl ether               | 5                                        | N.D.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Decabromodiphenyl ether               | 5                                        | N.D.      | The state of the s |
| Total content                         | / # # # # # # # # # # # # # # # # # # #  | N.D.      | South (8) May a distribution of the party of |
| Conclusion                            | Total Com                                | Pass      | C Mine /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Note: N.D. = Not Detected or less than MDL

mg/kg = parts per million
MDL = Method Detection Limit

The results shown in this lest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatt.com.

No.18 C



**Report No.: AGC03507190311-004** Date: Apr.08, 2019 Page 8 of 10

## 2. Test result of DBP, BBP, DEHP, DIBP content

Unit: mg/kg

| Test Item(s)                       | Test Method/<br>Equipment       | MDL | Result(s) |      |      |      | F Global Compi |
|------------------------------------|---------------------------------|-----|-----------|------|------|------|----------------|
|                                    |                                 |     | 1 @       | 2    | 4    | 8    | Limit          |
| Di-(2-ethylhexyl) Phthalate (DEHP) | Refer to IEC 62321-8:2017 GC-MS | 50  | N.D.      | N.D. | N.D. | N.D. | 1000           |
| Dibutyl phthalate (DBP)            |                                 | 50  | N.D.      | N.D. | N.D. | N.D. | 1000           |
| Butylbenzyl phthalate (BBP)        |                                 | 50  | N.D.      | N.D. | N.D. | N.D. | 1000           |
| Di-iso-butyl phthalate (DIBP)      |                                 | 50  | N.D.      | N.D. | N.D. | N.D. | 1000           |
| Conclusion                         |                                 | 1   | Pass      | Pass | Pass | Pass | implance /     |

Unit: mg/kg

| · A # 1                            | Test Method/<br>Equipment       |     |      | 1/2  |      |       |
|------------------------------------|---------------------------------|-----|------|------|------|-------|
| Test Item(s)                       |                                 | MDL | 19   | 11,  | 13   | Limit |
| Di-(2-ethylhexyl) Phthalate (DEHP) | Refer to IEC 62321-8:2017 GC-MS | 50  | N.D. | N.D. | N.D. | 1000  |
| Dibutyl phthalate (DBP)            |                                 | 50  | N.D. | N.D. | N.D. | 1000  |
| Butylbenzyl phthalate (BBP)        |                                 | 50  | N.D. | N.D. | N.D. | 1000  |
| Di-iso-butyl phthalate (DIBP)      |                                 | 50  | N.D. | N.D. | N.D. | 1000  |
| Conclusion                         | CO :                            |     | Pass | Pass | Pass | 1     |

**Note:** 1.MDL=Method Detection Limit

2. N.D.=Not Detected(less than method detection limit)

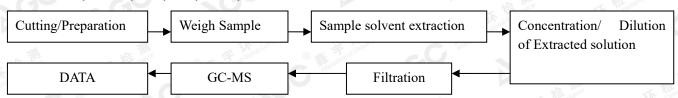
The results shown in this lest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatt.com.



**Report No.: AGC03507190311-004** Date: Apr.08, 2019 Page 9 of 10

# 1.For metal Cr(VI) Sample(s) Preparation Boiling water extraction Adding 1,5- diphenylcarbazide for color development Compare with 0.1μg/cm² and 0.13μg/cm² standard solution UV-Vis

2. For PBBs, PBDEs, DBP, BBP, DEHP, DIBP



Test result on specimen No.2 was resubmitted on Apr.02, 2019.

The results shown if this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (SCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-eatt.com.

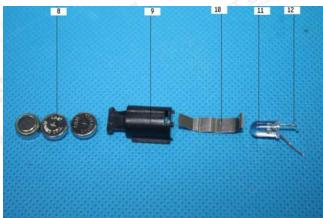


**Report No.: AGC03507190311-004** Date: Apr.08, 2019 Page 10 of 10

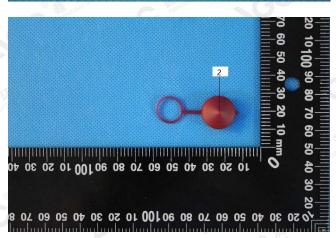
## The photo of the sample













#### AGC03507190311-004

AGC authenticate the photo only on original report

\*\*\* End of Report \*\*\*

The results spown if this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ASC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc-cent.com.

Attestation of Global Compliance Std. & Tech.